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ABSTRACT

Contained in this bibliography are 312 references as they related to general principles and problems of information display, man-computer interaction, present and possible future display equipment, ergonomic aspects of display design, and current and potential applications, especially to information processing.
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A SELECTED BIBLIOGRAPHY OF ON-LINE VISUAL
DISPLAYS AND THEIR APPLICATIONS

J. Braidwood

Report No. 2 on DPC Information Display Project.

ED050770

Abstract

This bibliography covers general principles and problems of information display, man-computer interaction, present and possible future display equipment, ergonomic aspects of display design, and current and potential applications, especially to information processing.

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Keywords

cathode ray tube displays✓	graphics✓
computer aided design✓	human factors✓
computer displays✓	information display✓
computer graphics✓	information processing✓
conversational computing✓	information retrieval✓
display consoles✓	input/output✓
display equipment✓	library automation✓
ergonomics✓	man-computer interaction✓
graphic languages✓	remote terminals
	visual displays✓

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Introduction

This bibliography contains a selection of relevant and substantial references to on-line real-time visual display devices and their applications, especially to information processing and man-machine interaction.

Some 500 references were collected from November 1968 to August 1969, and most of these were obtained and read. This bibliography contains about 300 references selected for their relevance to:-

1. general principles and problems of information display
2. man-computer interaction
3. present and possible future display equipment, techniques, software and systems
4. applications of displays to information storage, updating and retrieval
5. other interesting applications of displays

The references are to books, journals and published conference proceedings; to articles in all of these; and to reports, theses, conference papers and other bibliographies. Within each section, references are presented in alphabetical order of author's name, or of the first word of the title if there is no author. There is an index to authors which gives the date of each reference and the section in which it is to be found.

Note on U.S. Government Research Reports

U.S. Government reports are usually identified by a serial number following the letters AD or PB. This AD or PB number must be quoted when ordering a report: it is the only positive identification. British libraries such as the National Lending Library for Science and Technology and the Science Museum Library can usually supply these reports on loan or as microfiche copies.

Note on the use of the word 'display'

It should be pointed out that the word 'display' may take one of several meanings, e.g.:-

- a computer controlled (usually a cathode ray tube) device capable of presenting computer digital information as letters and numbers (alphanumerics) and lines and curves (graphics), and usually capable of accepting inputs from the user via pointing and drawing devices, keyboards and pushbuttons

- any aspect of a man-machine system which presents the man with sensory inputs which when interpreted give him information on the state of the system. (This display need not be visual, nor obvious to the user or the designer of the system)

- the visual information displayed on the screen of a visual display unit.

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